

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK2004/000624

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K47/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/43361 A (NOVONORDISK AS) 2 September 1999 (1999-09-02)  claims 13-15	1-31, 34, 36-50, 53-55, 65, 67-72
X	WO 99/43707 A (NOVONORDISK AS) 2 September 1999 (1999-09-02)  claims 82-86	1-31, 34, 36-50, 53-55, 65, 67-72
X	WO 99/43705 A (NOVONORDISK AS) 2 September 1999 (1999-09-02)  claims 86-95	1-31, 34, 36-50, 53-55, 65, 67-72
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&amp;" document member of the same patent family

Date of the actual completion of the international search

21 December 2004

Date of mailing of the international search report

- 7. 04. 2005

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK2004/000624

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/08872 A (NOVONORDISK AS ; KNUDSEN LISELOTTE BJERRE (DK); NIELSEN PER FRANKLIN ()) 5 March 1998 (1998-03-05)  claims 6-12  -----	1-31,34, 36-50, 53-55, 65,67-72
X	KNUDSEN LOTTE B ET AL: "Potent derivatives of glucagon-like peptide-1 with pharmacokinetic properties suitable for once daily administration" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 43, no. 9, 4 May 2000 (2000-05-04), pages 1664-1669, XP002201014 ISSN: 0022-2623 the whole document  -----	1-31,34, 36-50, 53-55, 65,67-72
X	WO 01/51071 A (NOVO NORDISK AS) 19 July 2001 (2001-07-19)  page 7, line 11 - line 19  -----	1-31,34, 36-50, 53-55, 65,67-72
X	WO 01/04156 A (LARSEN BJARNE DUE ; NEVE SOEREN (DK); MIKKELSEN JENS DAMSGAARD (DK); Z) 18 January 2001 (2001-01-18)  page 31, line 5 - line 7 claims  -----	1-31,34, 36-50, 53-55, 65,67-72
X	WO 99/43341 A (NOVONORDISK AS) 2 September 1999 (1999-09-02)  page 17, line 12 - line 31 claims 13-15  -----	1-31,34, 36-50, 53-55, 65,67-72
P,X	HOLZ G G ET AL: "GLUCAGON-LIKE PEPTIDE-1 SYNTHETIC ANALOGS: NEW THERAPEUTIC AGENTS FOR USE IN THE TREATMENT OF DIABETES MELLITUS" CURRENT MEDICINAL CHEMISTRY, BENTHAM SCIENCE PUBLISHERS BV, BE, vol. 10, no. 22, November 2003 (2003-11), pages 2471-2483, XP009035149 ISSN: 0929-8673 the whole document  -----	1-31,34, 36-50, 53-55, 65,67-72
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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK2004/000624

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KURTZHALS P ET AL: "ALBUMIN BINDING OF INSULINS ACYLATED WITH FATTY ACIDS: CHARACTERIZATION OF THE LIGAND-PROTEIN INTERACTION AND CORRELATION BETWEEN BINDING AFFINITY AND TIMING OF THE INSULIN EFFECT IN VIVO" BIOCHEMICAL JOURNAL, PORTLAND PRESS, LONDON, GB, vol. 312, no. 3, 1995, pages 725-731, XP008005781 ISSN: 0264-6021 the whole document	1-31,34, 36-50, 53-55, 65,67-72
X	----- WO 02/058725 A (PF MEDICAMENT ; POWER ULTAN (FR); N GUYEN THIEN NGOC (FR)) 1 August 2002 (2002-08-01)  example 1	1-31,34, 36-50, 53-55, 65,67-72
P,X	----- US 2004/001827 A1 (DENNIS MARK S) 1 January 2004 (2004-01-01)  examples	1-31,34, 36-50, 53-55, 65,67-72
P,X	----- WO 03/087139 A (JAKUBOWSKI JOSEPH ANTHONY ; MCKINNEY THURMAN DWIGHT (US); LILLY CO ELI) 23 October 2003 (2003-10-23)  page 12	1-31,34, 36-50, 53-55, 65,67-72
X	----- WO 03/002136 A (NOVO NORDISK AS) 9 January 2003 (2003-01-09)  page 23, line 31 - page 24, line 25	1-31,34, 36-50, 53-55, 65,67-72
Y	----- DEACON C F ET AL: "DIPEPTIDYL PEPTIDASE IV RESISTANT ANALOGUES OF GLUCAGON-LIKE PEPTIDE-1 WHICH HAVE EXTENDED METABOLIC STABILITY AND IMPROVED BIOLOGICAL ACTIVITY" DIABETOLOGIA, BERLIN, DE, vol. 41, 1998, pages 271-278, XP000917648 ISSN: 0012-186X the whole document	1-31,34, 36-50, 53-55, 65,67-72
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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/DK2004/000624

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>SHEFFIELD W P: "Modification of clearance of therapeutic and potentially therapeutic proteins"</p> <p>CURRENT DRUG TARGETS - CARDIOVASCULAR AND HAEMATOLOGICAL DISORDERS,</p> <p>vol. 1, no. 1, June 2001 (2001-06), pages 1-22, XP002310970</p> <p>ISSN: 1568-0061</p> <p>page 4; table 1</p> <p>page 16, right-hand column, paragraph 3.3.3</p> <p>page 17, paragraph 5.0 - page 18</p> <p>-----</p>	<p>1-31,34, 36-50, 53-55, 65,67-72</p>
Y	<p>OSTROVSKII YU M: "COMPARATIVE CHARACTERISTICS OF THE HYDROPHOBIC NATURE OF CERTAIN PROTEINS BY THEIR INTERACTION WITH 2-P TOLUIDINO NAPHTHALENE-6-SULFONATE"</p> <p>UKRAYINS'KYI BIOKHMICHNYI ZHURNAL, vol. 47, no. 6, 1975, pages 701-707, XP008039733</p> <p>abstract</p> <p>tables 1,2</p> <p>-----</p>	<p>1-31,34, 36-50, 53-55, 65,67-72</p>
Y	<p>PICO G: "USE OF 1 ANILINO-8-NAPHTHALENESULFONATE AS A REPORTER MOLECULE TO STUDY THE BILE SALTS BOVINE SERUM ALBUMIN BINDING"</p> <p>STUDIA BIOPHYSICA, vol. 136, no. 1, 1990, pages 21-26, XP8039734</p> <p>ISSN: 0081-6337</p> <p>the whole document</p> <p>-----</p>	<p>1-31,34, 36-50, 53-55, 65,67-72</p>

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/DK2004/000624

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-31, 34, 36, 37-50, 53-55, 65, 67-72 (all partially)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-31, 34, 36, 37-50, 53-55, 65, 67-72 (all partially)

Relating to the conjugate as claimed, in which A is an alkylsulfonic acid group, and in which the therapeutic peptide is GLP-1

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2. claims: 1-31, 34, 36, 37, 51, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an alkylsulfonic acid group, and in which the therapeutic peptide is exendin-4

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3. claims: 1-31, 34, 36, 37, 52-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an alkylsulfonic acid group, and in which the therapeutic peptide is ZP-10

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4. claims: 1-31, 34, 36, 37, 56-59, 65, 67-69, 73

Relating to the conjugate as claimed, in which A is an alkylsulfonic acid group, and in which the therapeutic peptide is GLP-2

---

5. claims: 1-31, 34, 36, 37, 60-61, 65, 67-69, 74

Relating to the conjugate as claimed, in which A is an alkylsulfonic acid group, and in which the therapeutic peptide is insulin

---

6. claims: 1-31, 34, 36, 37, 62, 65, 67-69

Relating to the conjugate as claimed, in which A is an alkylsulfonic acid group, and in which the therapeutic peptide is growth hormone (GH)

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7. claims: 1-31, 34, 36, 37, 63, 65, 67-69

Relating to the conjugate as claimed, in which A is an alkylsulfonic acid group, and in which the therapeutic peptide is parathyroid hormone (PTH)

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8. claims: 1-31, 34, 36, 37, 64-65, 67-69

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Relating to the conjugate as claimed, in which A is an alkylsulfonic acid group, and in which the therapeutic peptide is FSH

---

9. claims: 1-31, 34, 36, 37, 65-69

Relating to the conjugate as claimed, in which A is an alkylsulfonic acid group, and in which the therapeutic peptide is one of the remaining peptides mentioned in claim 66

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10. claims: 1-32, 34, 36, 37-50, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an alkylcarboxylic acid group, and in which the therapeutic peptide is GLP-1

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11. claims: 1-32, 34, 36, 37, 51, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an alkylcarboxylic acid group, and in which the therapeutic peptide is exendin-4

---

12. claims: 1-32, 34, 36, 37, 52-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an alkylcarboxylic acid group, and in which the therapeutic peptide is ZP-10

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13. claims: 1-32, 34, 36, 37, 56-59, 65, 67-69, 73

Relating to the conjugate as claimed, in which A is an alkylcarboxylic acid group, and in which the therapeutic peptide is GLP-2

---

14. claims: 1-32, 34, 36, 37, 60-61, 65, 67-69, 74

Relating to the conjugate as claimed, in which A is an alkylcarboxylic acid group, and in which the therapeutic peptide is insulin

---

15. claims: 1-32, 34, 36, 37, 62, 65, 67-69

Relating to the conjugate as claimed, in which A is an alkylcarboxylic acid group, and in which the therapeutic peptide is GH

---

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

16. claims: 1-32, 34, 36, 37, 63, 65, 67-69

Relating to the conjugate as claimed, in which A is an alkylcarboxylic acid group, and in which the therapeutic peptide is PTH

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17. claims: 1-32, 34, 36, 37, 64-65, 67-69

Relating to the conjugate as claimed, in which A is an alkylcarboxylic acid group, and in which the therapeutic peptide is FSH

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18. claims: 1-32, 34, 36, 37, 65-69

Relating to the conjugate as claimed, in which A is an alkylcarboxylic acid group, and in which the therapeutic peptide is one of the remaining peptides mentioned in claim 66

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19. claims: 1-29, 31, 32, 34, 36, 37-50, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an alkyl group, and in which the therapeutic peptide is GLP-1

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20. claims: 1-29, 31, 32, 34, 36, 37, 51, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an alkyl group, and in which the therapeutic peptide is exendin-4

---

21. claims: 1-29, 31, 32, 34, 36, 37, 52-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an alkyl group, and in which the therapeutic peptide is ZP-10

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22. claims: 1-29, 31, 32, 34, 36, 37, 56-59, 65, 67-69, 73

Relating to the conjugate as claimed, in which A is an alkyl group, and in which the therapeutic peptide is GLP-2

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23. claims: 1-29, 31, 32, 34, 36, 37, 60-61, 65, 67-69, 74

Relating to the conjugate as claimed, in which A is an alkyl group, and in which the therapeutic peptide is insulin

---

24. claims: 1-29, 31, 32, 34, 36, 37, 62, 65, 67-69



FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Relating to the conjugate as claimed, in which A is an alkyl group, and in which the therapeutic peptide is GH

---

25. claims: 1-29, 31, 32, 34, 36, 37, 63, 65, 67-69

Relating to the conjugate as claimed, in which A is an alkyl group, and in which the therapeutic peptide is PTH

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26. claims: 1-29, 31, 32, 34, 36, 37, 64-65, 67-69

Relating to the conjugate as claimed, in which A is an alkyl group, and in which the therapeutic peptide is FSH

---

27. claims: 1-29, 31, 32, 34, 36, 37, 65-69

Relating to the conjugate as claimed, in which A is an alkyl group, and in which the therapeutic peptide is one of the remaining peptides mentioned in claim 66

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28. claims: 1-29, 31, 33, 36-50, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is a cibacronyl group, and in which the therapeutic peptide is GLP-1

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29. claims: 1-29, 31, 33, 36, 37, 51, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is a cibacronyl group, and in which the therapeutic peptide is exendin-4

---

30. claims: 1-29, 31, 33, 36, 37, 52-55, 65, 67-72

Relating to the conjugate as claimed, in which A is a cibacronyl group, and in which the therapeutic peptide is ZP-10

---

31. claims: 1-29, 31, 33, 36, 37, 56-59, 65, 67-69, 73

Relating to the conjugate as claimed, in which A is a cibacronyl group, and in which the therapeutic peptide is GLP-2

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32. claims: 1-29, 31, 33, 36, 37, 60-61, 65, 67-69, 74

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Relating to the conjugate as claimed, in which A is a cibacronyl group, and in which the therapeutic peptide is insulin

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33. claims: 1-29, 31, 33, 36, 37, 62, 65, 67-69

Relating to the conjugate as claimed, in which A is a cibacronyl group, and in which the therapeutic peptide is GH

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34. claims: 1-29, 31, 33, 36, 37, 63, 65, 67-69

Relating to the conjugate as claimed, in which A is a cibacronyl group, and in which the therapeutic peptide is PTH

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35. claims: 1-29, 31, 33, 36, 37, 64-65, 67-69

Relating to the conjugate as claimed, in which A is a cibacronyl group, and in which the therapeutic peptide is FSH

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36. claims: 1-29, 31, 33, 36, 37, 65-69

Relating to the conjugate as claimed, in which A is a cibacronyl group, and in which the therapeutic peptide is one of the remaining peptides mentioned in claim 66

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37. claims: 1-29, 31, 36-50, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is the indolring-containing group shown in claim 55, and in which the therapeutic peptide is GLP-1

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38. claims: 1-29, 31, 36, 37, 51, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is the indolring-containing group shown in claim 55, and in which the therapeutic peptide is exendin-4

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39. claims: 1-29, 31, 36, 37, 52-55, 65, 67-72

Relating to the conjugate as claimed, in which A is the indolring-containing group shown in claim 55, and in which the therapeutic peptide is ZP-10

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40. claims: 1-29, 31, 36, 37, 56-59, 65, 67-69, 73

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Relating to the conjugate as claimed, in which A is the indolring-containing group shown in claim 55, and in which the therapeutic peptide is GLP-2

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41. claims: 1-29, 31, 36, 37, 60-61, 65, 67-69, 74

Relating to the conjugate as claimed, in which A is the indolring-containing group shown in claim 55, and in which the therapeutic peptide is insulin

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42. claims: 1-29, 31, 36, 37, 62, 65, 67-69

Relating to the conjugate as claimed, in which A is the indolring-containing group shown in claim 55, and in which the therapeutic peptide is GH

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43. claims: 1-29, 31, 36, 37, 63, 65, 67-69

Relating to the conjugate as claimed, in which A is the indolring-containing group shown in claim 55, and in which the therapeutic peptide is PTH

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44. claims: 1-29, 31, 36, 37, 64-65, 67-69

Relating to the conjugate as claimed, in which A is the indolring-containing group shown in claim 55, and in which the therapeutic peptide is FSH

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45. claims: 1-29, 31, 36, 37, 65-69

Relating to the conjugate as claimed, in which A is the indolring-containing group shown in claim 55, and in which the therapeutic peptide is one of the further peptides mentioned in claim 66

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46. claims: 1-29, 31, 36-50, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is the naphthalene-containing group shown in claim 55, and in which the therapeutic peptide is GLP-1

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47. claims: 1-29, 31, 36, 37, 51, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is the naphthalene-containing group shown in claim 55, and in which the therapeutic peptide is exendin-4

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

48. claims: 1-29, 31, 36, 37, 52-55, 65, 67-72

Relating to the conjugate as claimed, in which A is the naphthalene-containing group shown in claim 55, and in which the therapeutic peptide is ZP-10

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49. claims: 1-29, 31, 36, 37, 56-59, 65, 67-69, 73

Relating to the conjugate as claimed, in which A is the naphthalene-containing group shown in claim 55, and in which the therapeutic peptide is GLP-2

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50. claims: 1-29, 31, 36, 37, 60-61, 65, 67-69, 74

Relating to the conjugate as claimed, in which A is the naphthalene-containing group shown in claim 55, and in which the therapeutic peptide is insulin

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51. claims: 1-29, 31, 36, 37, 62, 65, 67-69

Relating to the conjugate as claimed, in which A is the naphthalene-containing group shown in claim 55, and in which the therapeutic peptide is GH

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52. claims: 1-29, 31, 36, 37, 63, 65, 67-69

Relating to the conjugate as claimed, in which A is the naphthalene-containing group shown in claim 55, and in which the therapeutic peptide is PTH

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53. claims: 1-29, 31, 36, 37, 64-65, 67-69

Relating to the conjugate as claimed, in which A is the naphthalene-containing group shown in claim 55, and in which the therapeutic peptide is FSH

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54. claims: 1-29, 31, 36, 37, 65-69

Relating to the conjugate as claimed, in which A is the naphthalene-containing group shown in claim 55, and in which the therapeutic peptide is one of the remaining peptides mentioned in claim 66

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55. claims: 1-29, 31, 36-50, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is a perfluoroalkyl group, and in which the therapeutic peptide is GLP-1

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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56. claims: 1-29, 31, 36, 37, 51, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is a perfluoroalkyl group, and in which the therapeutic peptide is exendin-4

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57. claims: 1-29, 31, 36, 37, 52-55, 65, 67-72

Relating to the conjugate as claimed, in which A is a perfluoroalkyl group, and in which the therapeutic peptide is ZP-10

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58. claims: 1-29, 31, 36, 37, 56-59, 65, 67-69, 73

Relating to the conjugate as claimed, in which A is a perfluoroalkyl group, and in which the therapeutic peptide is GLP-2

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59. claims: 1-29, 31, 36, 37, 60-61, 65, 67-69, 74

Relating to the conjugate as claimed, in which A is a perfluoroalkyl group, and in which the therapeutic peptide is insulin

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60. claims: 1-29, 31, 36, 37, 62, 65, 67-69

Relating to the conjugate as claimed, in which A is a perfluoroalkyl group, and in which the therapeutic peptide is GH

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61. claims: 1-29, 31, 36, 37, 63, 65, 67-69

Relating to the conjugate as claimed, in which A is a perfluoroalkyl group, and in which the therapeutic peptide is PTH

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62. claims: 1-29, 31, 36, 37, 64-65, 67-69

Relating to the conjugate as claimed, in which A is a perfluoroalkyl group, and in which the therapeutic peptide is FSH

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63. claims: 1-29, 31, 36, 37, 65-69

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Relating to the conjugate as claimed, in which A is a perfluoroalkyl group, and in which the therapeutic peptide is one of the remainins peptides mentioned in claim 66

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64. claims: 1-29, 31, 36-50, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is a benzothienyl groupas shown in claim 55, and in which the therapeutic peptide is GLP-1

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65. claims: 1-29, 31, 36, 37, 51, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is a benzothienyl groupas shown in claim 55, and in which the therapeutic peptide is exendin-4

---

66. claims: 1-29, 31, 36, 37, 52-55, 65, 67-72

Relating to the conjugate as claimed, in which A is a benzothienyl groupas shown in claim 55, and in which the therapeutic peptide is ZP-10

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67. claims: 1-29, 31, 36, 37, 56-59, 65, 67-69, 73

Relating to the conjugate as claimed, in which A is a benzothienyl groupas shown in claim 55, and in which the therapeutic peptide is GLP-2

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68. claims: 1-29, 31, 36, 37, 60-61, 65, 67-69, 74

Relating to the conjugate as claimed, in which A is a benzothienyl groupas shown in claim 55, and in which the therapeutic peptide is insulin

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69. claims: 1-29, 31, 36, 37, 62, 65, 67-69

Relating to the conjugate as claimed, in which A is a benzothienyl groupas shown in claim 55, and in which the therapeutic peptide is GH

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70. claims: 1-29, 31, 36, 37, 63, 65, 67-69

Relating to the conjugate as claimed, in which A is a benzothienyl groupas shown in claim 55, and in which the therapeutic peptide is PTH

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71. claims: 1-29, 31, 36, 37, 64-65, 67-69

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Relating to the conjugate as claimed, in which A is a benzothienyl group as shown in claim 55, and in which the therapeutic peptide is FSH

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72. claims: 1-29, 31, 36, 37, 65-69

Relating to the conjugate as claimed, in which A is a benzothienyl group as shown in claim 55, and in which the therapeutic peptide is one of the remaining peptides mentioned in claim 66

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73. claims: 1-25, 27-29, 31, 35-50, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an albumin binding peptide, and in which the therapeutic peptide is GLP-1

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74. claims: 1-25, 27-29, 31, 35-37, 51, 53-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an albumin binding peptide, and in which the therapeutic peptide is exendin-4

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75. claims: 1-25, 27-29, 31, 35-37, 52-55, 65, 67-72

Relating to the conjugate as claimed, in which A is an albumin binding peptide, and in which the therapeutic peptide is ZP-10

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76. claims: 1-25, 27-29, 31, 35-37, 56-59, 65, 67-69, 73

Relating to the conjugate as claimed, in which A is an albumin binding peptide, and in which the therapeutic peptide is GLP-2

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77. claims: 1-25, 27-29, 31, 35-37, 60-61, 65, 67-69, 74

Relating to the conjugate as claimed, in which A is an albumin binding peptide, and in which the therapeutic peptide is insulin

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78. claims: 1-25, 27-29, 31, 35-37, 62, 65, 67-69

Relating to the conjugate as claimed, in which A is an albumin binding peptide, and in which the therapeutic peptide is GH

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

79. claims: 1-25, 27-29, 31, 35-37, 63, 65, 67-69

Relating to the conjugate as claimed, in which A is an  
albumin binding peptide, and in which the therapeutic  
peptide is PTH

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80. claims: 1-25, 27-29, 31, 35-37, 64-65, 67-69

Relating to the conjugate as claimed, in which A is an  
albumin binding peptide, and in which the therapeutic  
peptide is FSH

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81. claims: 1-25, 27-29, 31, 35-37, 65-69

Relating to the conjugate as claimed, in which A is an  
albumin binding peptide, and in which the therapeutic  
peptide is one of the remaining peptides mentioned in claim  
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